

# ARM

## Digital Signage Product



### ARM Dual-core Processor



ARM® Cortex™-A7 Dual-core 1.2GHz , powerful image processing and computing performance.

### Special Timed On/off、Auto Power on Function on hardware (JAHC Technology)



Independent MCU Control Technology on hardware, can realize reliable RTC Timed On/off、Auto Power on without system supporting, more intelligent, Unmanned Operation in Digital Signage field.

### The application boot automatically, Innovative UI

For intelligent application in industry field, Innovative function management, Easily set up application boot automatically, Unmanned Operation. To realize software function, Unique style of application interface layout, Stronger Science and technology feeling, Interface design is more suitable and convenient.

### GPS and 3G extensions



Built-in precision GPS navigation module, expandable 3G slot provide most possibility solutions in digital signage and broadcasting industry.

### Specifications

### Q20U

<b>CPU</b>	Allwinner A20 ARM® Cortex™-A7 Dual-core 1.2GHz
<b>GPU</b>	Mali-400 MP2, Open GL2.0
<b>OS</b>	Android™ 4.2
<b>Memory</b>	DDR3 1GB RAM
<b>Storage</b>	8GB Nand Flash TransFlash Card, 32GB MAX
<b>HDMI</b>	HDMI 1.4 (Support 1080P)
<b>Network</b>	WiFi/BT+100MB/S(RJ45) IR+GPS+3G(Support)
<b>I/O Port</b>	1*DC IN 1*RJ45 1*VGA 1*HDMI 1*TF Card Reader 1*3.5mm Earphone 3*USB 2.0 ( 1*USB OTG) 1*SIM 1*Mini-PCIE
<b>HW Key</b>	Power, Burning, Recovery
<b>Antenna Port</b>	1*WiFi/BT+1*GPS+1*3G
<b>BAT-CMOS</b>	3.3V RTC Wake Up
<b>Operating Temperature</b>	0℃~40℃
<b>Certification</b>	CCC, CE, FCC
<b>Size</b>	130X128.5X26MM